

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 00-713-i15	Serial No. 09/975,059
INFORMATION DISCLOSURE STATEMENT BY APPLICANT RECEIVED FEB 28 2002 TECH CENTER 1600/2900		Applicant: Chad A. Mirkin, et al.	
		Filing Date: 10/11/01	Group: 1656

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Dat
U	1.	4,193,983	3/18/80	Ullman et al.			
	2.	4,256,834	3/17/81	Zuk et al.			
	3.	4,261,968	4/14/81	Ullman et al.			
	4.	4,313,734	2/2/82	Leuvering			
	5.	4,318,707	3/9/82	Litman et al.			
	6.	4,650,770	3/17/87	Liu et al.			
	7.	4,713,348	12/15/87	Ullman			
	8.	4,853,335	8/1/89	Olsen et al.			
	9.	4,868,104	9/19/89	Kura et al.			
	10.	5,225,064	7/6/93	Henkens et al.			
	11.	5,294,369	3/15/94	Shigekawa et al.			
U	12.	5,384,073	1/24/95	Shigekawa et al.			
	13.	5,384,265	1/24/95	Kidwell et al. Dup.			
U	14.	5,460,831	10/24/95	Kossovsky et al.			
	15.	5,472,881	12/5/95	Beebe et al. Dup.			
U	16.	5,514,602	05/07/96	Brooks, Jr. et al.			
	17.	5,521,289	5/28/96	Hainfeld et al.			
	18.	5,543,158	8/6/96	Gref et al.			
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	20.	5,665,582	9/9/97	Kaushch et al.			
U	21.	5,681,943	10/28/97	Letsinger et al.			

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u	22.	WO 89/06801	7/27/89	PCT			
	23.	WO 97/40181	10/30/97	PCT			
	24.	WO 98/04740	2/5/98	PCT			
	25.	WO 99/23258	10/30/98	PCT			
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	31.	Brust et al., "Novel Gold-Dithiol Nano-Networks with Non-Metallic Electronic Properties," <i>Adv. Mater.</i> , Vol. 7, pp. 795-797 (1995)
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	34.	Chen et al., "Crystal Structure of a Four-Stranded Intercalated DNA: d(C ₄) ^{††} <i>Biochem.</i> , Vol. 33, pp. 13540-13546 (1994)
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	51.	Seeman et al., "Synthetic DNA knots and catenanes," <i>New J. Chem.</i> , Vol. 17, pp. 739-755 (1993)
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	Document Number	Date	Country	Class	Subclass	Translation Yes No
4	1. WO 92/04469	19 March 1992	PCT			X
4	2. WO 90/02205	8 March 1990	PCT			X

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4	3.	Borman, <i>Chem. Eng. News</i> , December 9, 1996, pp.42-43 (1996)
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4	1.	5,609,907	03/11/97	Natan			
	2.	6,025,202	02/15/00	Natan			
2	3.	6,149,868	11/21/00	Natan, et al.			

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1.	Brada, et al., "Golden Blot" – Detection of Polyclonal and Monoclonal Antibodies Bound to Antigens on Nitrocellulose by Protein A-Gold Complexes, <i>Analytical Biochemistry</i> , Vol. 42, pp. 79-83 (1984) U.S.
2.	Dunn, et al., "A Novel Method to Map Transcripts: Evidence for homology between an Adenovirus mRNA and Discrete Multiple Regions of the Viral Genome, <i>Cell</i> , Vol. 12, pp. 23-36, (1997) U.S.
3.	Hacker, "High performance Nanogold – Silver in situ hybridisation, <i>Eur. J. Histochem</i> , Vol. 42, pp. 111-120 (1998) U.S.
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5.	Romano, et al., "An antiglobulin reagent labelled with colloidal gold for use in electron microscopy," <i>Immunochemistry</i> , Vol. 11, pp. 521-522 (1974) Great Britain

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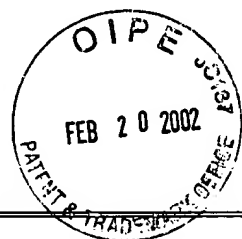
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u	1.	5,599,668	02/04/97	Stimpson, et al.			
u	2.	5,990,479	11/23/99	Weiss, et al.			

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u	3.	Stimpson, et al., "Real-time detection of DNA hybridization and melting on oligonucleotide arrays by using optical wave guides," <i>Proc. Natl. Acad. Sci.</i> , Vol. 92, pp. 6379-6383, California Institute of Technology (1995) U.S.
	4.	Storhoff, et al., "Strategies for Organizing Nanoparticles into Aggregate Structures and Functional Materials," <i>Journal of Cluster Science</i> , Vol. 8, No. 2, pp. 179-217, Plenum Publishing Corporation (1997) U.S.
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	6.	Velev, et al., "In Situ Assembly of Colloidal Particles into Miniaturized Biosensors," <i>Langmuir</i> , Vol. 15, No. 11, pp. 3693-3698, American Chemical Society (1999) U.S.
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8.	Yguerabide, et al., "Light-Scattering Submicroscopic Particles as Highly Fluorescent Analogs and Their Use as Tracer Labels in Clinical and Biological Applications," I. Theory, <i>Analytical Biochemistry</i> , Vol. 262, pp. 137-156 (1998) U.S.
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